(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. FC-8-C3

Total Pages in this Submission 1502

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

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			AND US	SES THEREOR	י			LE NUCLEIC ACID MOL	ECULES,	
and in	vente	d by:			AIL:					
Ke	evin S	S. Brai	ndt, Pat	rick J. Gaines,	Dan '	T. Stinchcomb, I	Nancy Wisnews	ki		
If a C	ONTI	INUAT	TION A	PPLICATION,	chec	ck appropriate b	ox and supply	the requisite information:		
	Conti	nuatio	on 🗆	Divisional		Continuation	in-part (CIP)	of prior application No.:	60/319,414	
Which	n is a	:								
	Conti	nuati	on 🗆	Divisional		Continuation-	in-part (CIP)	of prior application No.:		
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	Conti	nuati	on 🗆) Divisional		Continuation-	-in-part (CIP)	of prior application No.:		
Enclo	e hae	ıro.								
LIICIO	300 6	u.c.				Applicatio	n Elements			
1.	X	Filing	a fee as	s calculated an	d trar	nsmitted as des	cribed below			
2.	2. Specification having pages and including the following:				ncluding the following:					
	a.	X	Descrij	otive Title of th	e Inv	ention				
b. 🗵 Cross References to Related Applications (if applicable)										
c. Statement Regarding Federally-sponsored Research/Development (if applicable)										
d. 🗵 Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix										
e. 🗵 Background of the Invention										
	f.	f. Brief Summary of the Invention								
g. Brief Description of the Drawings (if filed)										
		<u> </u>	Detailed Description							
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3.		Drawing(s) (when necessary as prescribed by 35 USC 113)						
	a.	☐ Formal Number of Sheets						
	b.	☐ Informal Number of Sheets						
4.	×	Oath or Declaration						
	a.	Newly executed (original or copy) □ Unexecuted						
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)						
	c.	☑ With Power of Attorney ☐ Without Power of Attorney						
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).						
5.		Incorporation By Reference <i>(usable if Box 4b is checked)</i> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.						
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)						
7. 8.		ication Data Sheet (See 37 CFR 1.76) eotide and/or Amino Acid Sequence Submission (if applicable, all must be included)						
	a.							
		Specification Sequence Listing on:						
		Applicants assert pursuant to 37 CFR §1.821(f) that the content of the paper copy and computer readable form of SEQ ID NO:1 through SEQ ID NO:2313 submitted herewith are the same.						
	c.	Statement(s) Verifying Identical Paper and Computer Readable Copy						
	Accompanying Application Parts							
9.		Assignment Papers (cover sheet & document(s))						
10.		CFR 3.73(B) Statement (when there is an assignee)						
11.		English Translation Document (if applicable)						
12.		ormation Disclosure Statement/PTO-1449						
13.		reliminary Amendment						
14.	X	urn Receipt Postcard (MPEP 503) (Should be specifically itemized)						
15.		ertified Copy of Priority Document(s) (if foreign priority is claimed)						
16.	X	Certificate of Mailing						
		☐ First Class ☒ Express Mail (Specify Label No.): EV 322825317 US						

Page 2 of 4

Application Elements (Continued)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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Total Pages in this Submission 1502

		Accompanying Application Parts (Continued)
17.	X	Applicant claims small entity status. See 37 CFR 1.27.
		☐ (Optional) Small Entity Statement(s) - Specify Number of Statements Submitted: one
18.		Additional Enclosures (please identify below):
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
19.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
		Warning
		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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Total Pages in this Submission 1502

Fee Calculation and Transmittal

CLAIMS AS FILED							
For	#Filed	#Allowed	#Extra		Rate	Fee	
Total Claims	20	- 20 =	0	х	\$9.00	\$0.00	
Indep. Claims	3	- 3 =	0	х	\$42.00	\$0.00	
Multiple Dependent	\$0.00						
					BASIC I	FEE \$375.00	
OTHER FEE (speci	\$0.00						
					TOTAL FILING I	FEE \$375.00	

A check in the amount of

to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge and credit Deposit Account No.

081930

as described below. A duplicate copy of this sheet is enclosed.

☑ Charge the amount of

\$375.00

as filing fee.

☑ Credit any overpayment.

☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.

☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated:

July 17, 2003



26949

PATENT TRADEMARK OFFICE

Signature

Timothy L. McCutcheon, Esq., Regis. No. 41,184

Heska Corporation

1613 Prospect Parkway

Fort Collins, Colorado 80525

Telephone: (970) 493-7272 Facsimile: (970) 491-9976

cc:

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 C.F.R. 1.10)

Docket No.: I

FC-8-C3

Applicants:

Kevin S. Brandt, Patrick J. Gaines, Dan T. Stinchcomb, Nancy Wisnewski

Serial No:

not yet assigned

Filing Date:

July 17, 2003

I hereby certify that the following correspondence:

Utility Patent Application Transmittal (Small Entity); copy of page 4 of Utility Patent Application Transmittal (Small Entity); 84 pages of specification, claims and abstract; 1407 pages of Sequence Listing; CD containing SEQ ID NO:1 through SEQ ID NO:2313; Declaration and Power of Attorney for Patent Application; Verified Statement (Declaration) Claiming Small Entity Status (37 CFR 1.9(f) AND 1.27(c)) - Small Business Concern;

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on 11 Child 2003

By: Susan A. Gordon

EV 322825317 US

("Express Mail" Mailing Label Number)